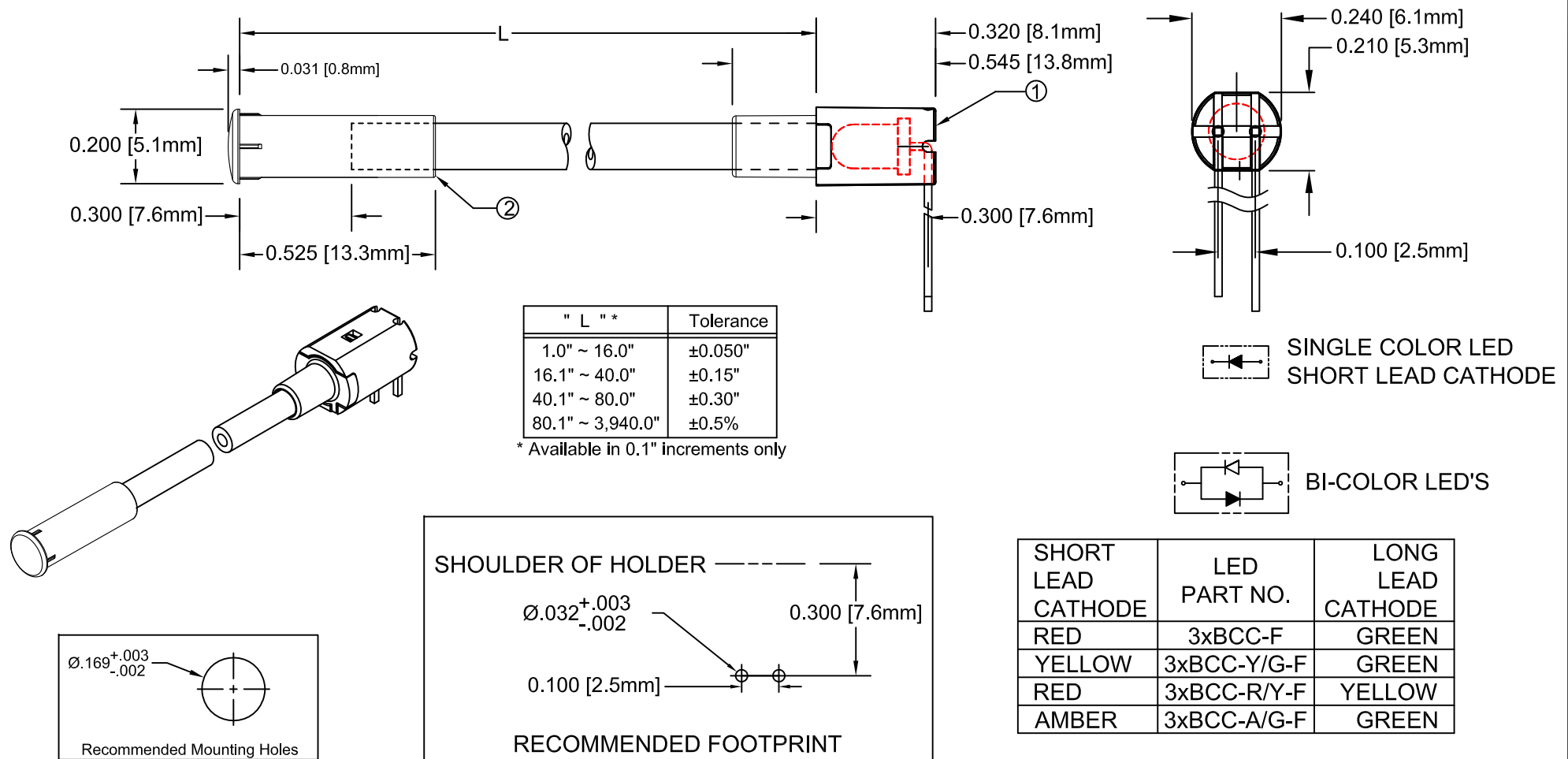


| ITEM | Q'TY | PART NUMBER | PART DESCRIPTION                                                |
|------|------|-------------|-----------------------------------------------------------------|
| 1    | 1    | FLPR2-XX    | Flexible Light Pipe 2mm Adapter, Right Angle w/ LED, See page 2 |
| 2    | 1    | LC2-XX.X    | 2mm Flexible Light Pipe Lens Cap Assembly                       |

| REV. | DESCRIPTION                            | DATE     | APPROVED |
|------|----------------------------------------|----------|----------|
| A    | Engineering Release                    | 09/11/09 | T. Y.    |
| B    | Replaced 3UWC-0.6K-F with 3UWC1.035C-F | 04/26/12 | T. Y.    |
| C    | Updated Table For Length "L"           | 11/16/12 | T. Y.    |
|      |                                        |          |          |
|      |                                        |          |          |
|      |                                        |          |          |

NOTE: FLPR2-XX ADAPTER SHIPPED NON-ASSEMBLED



## ABSOLUTE MAXIMUM RATINGS (Ta=25°C)

|                                             |                      |
|---------------------------------------------|----------------------|
| REVERSE VOLTAGE                             | 5V                   |
| REVERSE CURRENT                             | 100uA                |
| OPERATING TEMPERATURE RANGE                 | -25° C - 85° C       |
| STORAGE TEMPERATURE                         | -30° C - 100° C      |
| LEAD SOLDERING TEMPERATURE(1/16" FROM BODY) | 260° C FOR 5 SECONDS |

|                                                      |                          |                                                                                        |                       |
|------------------------------------------------------|--------------------------|----------------------------------------------------------------------------------------|-----------------------|
| STANDARD TOLERANCE<br>( UNLESS OTHERWISE SPECIFIED ) |                          | <b>BIVAR</b><br>4 THOMAS, IRVINE, CA. 92618<br>TEL: (949) 951-8808 FAX: (949) 951-3974 |                       |
| DECIMALS                                             | ANGULAR                  |                                                                                        |                       |
| .X ±.1                                               | X° ± 1°                  |                                                                                        |                       |
| .XX ±.02                                             |                          |                                                                                        |                       |
| .XXX ±.010                                           |                          |                                                                                        |                       |
| DESIGNED:<br><b>Brian Oliver</b>                     | DATE:<br><b>09/11/09</b> | <b>TITLE:</b> FLEXIBLE LIGHT PIPE ASSY,<br>5mm ROUND, RIGHT ANGLE                      |                       |
| CHECKED:<br><b>Fred Jensen</b>                       | DATE:<br><b>09/11/09</b> | <b>PART NO:</b><br>FLP2RX.X-XXX                                                        | <b>REVISION:</b><br>C |
|                                                      |                          | <b>CAGE CODE :</b> 32559                                                               | <b>SHEET # 1 OF 2</b> |
| CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.      |                          |                                                                                        |                       |

| REV. | DESCRIPTION | DATE | APPROVED |
|------|-------------|------|----------|
|      | SEE SHEET#1 |      |          |
|      |             |      |          |
|      |             |      |          |
|      |             |      |          |
|      |             |      |          |
|      |             |      |          |

### SINGLE COLOR ASSEMBLIES

| Assembly Part No. | Emitted Color | LED Part No. |
|-------------------|---------------|--------------|
| FLP2RX.X-SA       | AMBER         | 3SAC-F       |
| FLP2RX.X-UBW      | BLUE          | 3UBWC-0.6K-F |
| FLP2RX.X-SG       | GREEN         | 3SGC-F       |
| FLP2RX.X-UG       | GREEN         | 3UGC-F       |
| FLP2RX.X-SUG      | GREEN         | 3SUGC-F      |
| FLP2RX.X-UO       | ORANGE        | 3UOC-F       |
| FLP2RX.X-SUO      | ORANGE        | 3SUOC-F      |
| FLP2RX.X-SR       | RED           | 3SRC-F       |
| FLP2RX.X-UR       | RED           | 3URC-F       |
| FLP2RX.X-SUR      | RED           | 3SURC-F      |
| FLP2RX.X-UT       | TURQUOISE     | 3UTC-F       |
| FLP2RX.X-SY       | YELLOW        | 3SYC-F       |
| FLP2RX.X-UY       | YELLOW        | 3UYC-F       |
| FLP2RX.X-SUY      | YELLOW        | 3SUYC-F      |
| FLP2RX.X-UUY      | YELLOW        | 3UUYC-F      |
| FLP2RX.X-UW       | WHITE         | 3UWC1.035C-F |

### BI-COLOR ASSEMBLIES

| Assembly Part No. | Emitted Color | LED Part No. |
|-------------------|---------------|--------------|
| FLP2RX.X-BC       | HE RED        | 3BCC-F       |
|                   | GREEN         |              |
| FLP2RX.X-YG       | YELLOW        | 3BCC-Y/G-F   |
|                   | GREEN         |              |
| FLP2RX.X-RY       | YELLOW        | 3BCC-R/Y-F   |
|                   | HE RED        |              |
| FLP2RX.X-AG       | AMBER         | 3BCC-A/G-F   |
|                   | GREEN         |              |
| FLP2RX.X-SBC      | SUPER RED     | 3SBCC-F      |
|                   | HE GREEN      |              |
| FLP2RX.X-SYG      | SUPER YELLOW  | 3SBCC-Y/G-F  |
|                   | HE GREEN      |              |
| FLP2RX.X-SRY      | SUPER RED     | 3SBCC-R/Y-F  |
|                   | SUPER YELLOW  |              |

FLEXIBLE LIGHT PIPE SERIES — **FLP2R** — **X.X** — **XXX**  
 — Emitted Colors  
 — "L" LENGTH, inches  
 available in 0.1" increments only  
 e.g. 6.0, 11.5

NOTES:  
 1. REFERENCE LED PRINTS FOR OPTICAL/ELECTRICAL SPECIFICATIONS

|                                                                                       |                          |                                                                                                                                                                 |                       |
|---------------------------------------------------------------------------------------|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| STANDARD TOLERANCE<br>( UNLESS OTHERWISE SPECIFIED )                                  |                          | <br>4 THOMAS, IRVINE, CA. 92618<br>TEL: (949) 951-8808 FAX: (949) 951-3974 |                       |
| <u>DECIMALS</u> <u>ANGULAR</u>                                                        |                          |                                                                                                                                                                 |                       |
|  |                          | TITLE: FLEXIBLE LIGHT PIPE ASSY,<br>5mm ROUND, RIGHT ANGLE                                                                                                      |                       |
| DESIGNED:<br><b>Brian Olliver</b>                                                     | DATE:<br><b>09/11/09</b> | PART NO:<br><b>FLP2RX.X-XXX</b>                                                                                                                                 | REVISION:<br><b>C</b> |
| CHECKED:<br><b>Fred Jensen</b>                                                        | DATE:<br><b>09/11/09</b> | CAGE CODE : <b>32559</b>                                                                                                                                        | SHEET # <b>2 OF 2</b> |
| CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.                                       |                          |                                                                                                                                                                 |                       |